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1879/80

THIRD ANNUAL ANNOUNCEMENT

OF THE

HOMEOPATHIC MEDICAL DEPARTMENT

OF THE

State University of Iowa,

AT IOWA CITY,

FOR 1879-80.

UNIVERSITY OF IOWA
NOV 23 1918
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LECTURE COURSE BEGINS OCTOBER 1st, 1879,
COMMENCEMENT OCCURS MARCH 2d, 1880.

IOWA CITY:
JOURNAL PRINTING COMPANY.
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1879/80 - 1884/85
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FACULTY.

JOSIAH L. PICKARD, LL. D., PRESIDENT.

A. C. COWPERTHWAIT, M. D., PH. D., DEAN,
Professor of Materia Medica and Diseases of Women and Children.

W. H. DICKINSON, M. D.,
Professor of Theory and Practice of Medicine.

A. E. ROCKEY, M. D.,
Professor of Surgery.

W. D. STILLMAN, M. D.,
Lecturer on the Therapeutics of Obstetrical Diseases.

T. G. ROBERTS, M. D.,
Assistant to the Chair of Materia Medica.


C. W. EATON, M. D.,
Assistant to the Chair of Theory and Practice of Medicine.

W. G. EMONDS,
Curator and Librarian.

BOARD OF EXAMINERS.

P. H. WORLEY, M. D., Chairman,	.	.	.	<i>Davenport.</i>
M. R. WAGONNER, M. D.,	.	.	.	<i>De Witt.</i>
G. H. PATCHEN, M. D.,	.	.	.	<i>Burlington.</i>
T. H. BRAGG, M. D.,	.	.	.	<i>Hamburg.</i>
G. F. ROBERTS, M. D.,	.	.	.	<i>Waterloo.</i>
S. B. OLNEY, M. D.,	.	.	.	<i>Fort Dodge.</i>
H. W. ROBERTS, M. D.,	.	.	.	<i>Ottumwa.</i>

HOMEOPATHIC MEDICAL DEPARTMENT.

HE third annual course of lectures will commence Wednesday, October 1st, 1879, and will continue until March 1st, 1880.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on Theory and Practice, Materia Medica, Surgery, Diseases of Women and Children, and Obstetrical Therapeutics will be delivered in the Lecture Room of the Department Building. Lectures on Anatomy, Physiology, Obstetrics, and Medical Jurisprudence will be delivered in the Medical Amphitheater, in the South Building. Lectures on Chemistry will be delivered in the University Laboratory, in the North Building.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all requirements of said department, so far as such requirements may apply to the branches which they pursue.

In view of the fact that the compact entered into by the Inter-Collegiate Conference of Homeopathic Medical Colleges has not, as yet, been ratified, it has been deemed advisable to continue, until further notice, the present general plan, which requires the student, upon registration, to choose one of the following courses of instruction :—

I. *A Two Years Course*, requiring the attendance of the student at all lectures and exercises of the department for two full terms, as has heretofore been the general custom in medical colleges.

II. *A Three Years Graded Course*. This has been urgently recommended by the Faculty in the past, and some students have adopted the same. The *first* or *Junior* year of this course will include Anatomy, Practical Anatomy, Physiology, Chemistry, and Materia Medica. The work in Materia Medica for this year will only cover the botanical relations of drugs, the methods of preparing them for use, and their general action. In the *second* or *middle year*, the studies of the first year will be reviewed, and, in addition, the student will be required to take up the special analyses and syntheses of drug provings; Diagnosis and Pathology of Disease; Surgical Pathology; the Mechanism of Labor, and Ophthalmology and Otology. During the year, students will be required to take a course in Practical Chemistry, and to attend the clinics.

At the end of the *second* year, *final* examinations will be held in Anatomy, Physiology, and Chemistry.

The *third* or *Senior* year will cover all the studies in Theory and Practice, Materia Medica, Surgery, Obstetrics, Diseases of Women and Children, and Medical Jurisprudence. In this year, students will be required to attend and assist in all the clinics.

CLINICS.—A general medical clinic, a clinic for diseases of women and children, and a surgical clinic will be held by the Faculty of the Homeopathic Medical Department. In addition to these clinics, students will be supplied with tickets to Mercy Hospital, which admits them to the surgical and ophthalmic clinics of the Medical Department. All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines, and operations free of charge. Advanced students are required to make examinations at the clinics, and to prescribe for patients.

The Faculty of this department are now making arrangements to secure the fitting up of a hospital, which it is expected will be completed before the opening of the next session.

PRACTICAL MICROSCOPY.—Special lectures in Practical Microscopy will be given to the students of this department.

PRACTICAL ANATOMY.—The thorough study of Practical Anatomy will be required of every student. Facilities for obtaining material are such that an abundant supply will always be provided. The Professor and Demonstrator of Anatomy will be always ready to aid the student in his anatomical studies. The Anatomical Museum will be open to students at all hours, when lectures are not in progress.

OPERATIONS ON THE CADAVER.—All kinds of surgical operations will be performed on the cadaver, by individual members of the class, under direction of the Professor of Surgery.

CHEMICAL LABORATORY.—The Laboratory occupies the entire first story of the North Building, and covers an area of 3500 square feet. It is supplied with the most improved and scientific apparatus for the practical study of Chemistry. Every student, before receiving the degree of M. D., is required to take a course in Practical Chemistry. In this course is included Qualitative Analysis, first of *known* and afterward of *unknown materials*; Toxicology—analysis of food or or tissue materials in assumed cases of poisoning, and in cases instituted with animals—including inorganic and organic poisons; Physiological and Pathological Analysis—including Analysis of Urine, normal and abnormal, by qualitative, volumetric, and microscopical methods, and examination of tissue materials, excretions, blood-stains, etc. The only expense incurred in the laboratory is the actual cost of the chemicals and apparatus consumed by the student in his manipulations.

LIBRARIES.—The general Library of the University, and the Department Library are open to students on all week days, except

during lecture hours. The Library of this Department already numbers several hundred volumes of standard medical works. The general Library of the University contains over twelve thousand volumes and one thousand pamphlets.

MUSEUM.—The general Museum of the University, consisting of a large and valuable collection of specimens, and the Medical Museum, are open to students of this department. A Cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimen of healthy, morbid, or comparative anatomy, which will be properly labeled, with the name of the donor, and placed in the Museum.

PRIZES.

In order to induce a spirit of original inquiry among the students, and to stimulate a more earnest study for the perfection of the profession which they have chosen, the following prizes will be awarded to the successful competitors at the close of the next session. No prize to be awarded, unless there are at least two competitors :—

H. C. G. LUYTIES, Pharmacist, of St. Louis, offers a handsome buggy case to the student who passes the best general examination.

Prof. COWPERTHWAIT offers a case of 30th potencies, in half-ounce vials, for the best thesis on any subject concerning *Materia Medica*.

Prof. DICKINSON will give a prize for the best examination in Theory and Practice.

Prof. ROCKEY will give a fine amputating case for the best thesis on the Treatment of Inflammation.

BOOKS OF REFERENCE.

The following are recommended by the Professors in their respective chairs.

Anatomy.—Gray, Quain, Holden, Wilson.

Physiology.—Flint, Dalton.

Chemistry.—Hinrichs, Wormley, Fownes.

Materia Medica.—Hahnemann's *Materia Medica Pura*; Hahnemann's *Chronic Diseases*; Hempel's *Materia Medica*, 2d edition; Hale's *New Remedies*, 2d edition; Allen's *Encyclopedia of Materia Medica*; Hering's *Condensed Materia Medica*; Hughes' *Manual of Pharmacodynamics*; Hughes' *Manual of Therapeutics*; Hull's *Jahr*; Burt's *Characteristic Materia Medica*.

Theory and Practice of Medicine.—Hahnemann's *Organon*, *Chronic Diseases*, *Lesser Writings*; Bonninghausen's *Repertory*, *Intermittent*

Fever, Whooping Cough; Jahr's Symptomatology, Repertory, Clinical Guide, Forty Years Practice; Hering's Analytical Therapeutics; Baehr's Science of Therapeutics; Grauvogl's Text Book of Homeopathy; Raue's Special Pathology and Diagnostics; Lilienthal's Therapeutics; Clapp's Auscultation and Percussion.

Surgery.—Helmuth, Franklin, Gross, Holmes, Bryant, Hamilton, Stimson; Hamilton on Fractures and Dislocations; Bumstead on Venereal Diseases; Sayre on Club Foot; Sir Henry Thompson, or Gouley, on the Genito-Urinary Organs. *In Minor Surgery and Surgical Appliances.*—Wales, Sargent; C. Henri Leonard on Bandaging.

Obstetrical Therapeutics.—Guernsey, Raue.

Diseases of Women and Children.—Guernsey, Ludlam, Duncan, Ruddock, Hartmann, Minton, Leadam.

Obstetrics.—Cazeaux, Leishmann, Hodge, Tyler, Smith, Playfair, Meadows.

Medical Jurisprudence.—Wharton and Stille, Beck, Elwell.

Microscopic Anatomy.—Stricker, Beale, Koelliker, Frey.

Ophthalmology.—Wells, Walton, Dixon.

Otology.—Roosa.

Insanity.—Blandford, Bucknill and Tuke, Ray.

FEEES.

Lecture fees, each year, for the entire course.....	\$20 00
Matriculation ticket.....	5 00
Demonstrator's ticket.....	10 00
Graduation fee, including diploma.....	25 00
Hospital ticket.....	<i>Gratuitous.</i>

No charge for dissecting material.

Students taking the Laboratory Course will pay for the chemicals used. The average expense is about five dollars.

ALUMNI of this school, and other accredited medical institutions, will be admitted to the lectures and clinics, on taking out the matriculation ticket.

All fees must be promptly paid, at the beginning of the session, to the Treasurer of the University.

The FACULTY TICKET will be issued by the Dean *only*, on presentation of the Treasurer's receipt. Students who have attended two full courses of lectures in this department, shall be entitled to the third course of lectures, on payment of the matriculation fee—demonstrator's ticket additional. Students who have attended two full courses in some other duly recognized medical college, will be admitted to all

the privileges of the department, upon the payment of ten dollars, which amount will not include matriculation nor demonstrator's tickets.

GOOD BOARD can be obtained at from \$2.50 to \$5.00 per week. By associating in clubs, students may supply themselves with good accommodation at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding, by applying to the Janitor.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of "Doctor of Medicine" in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for three years; must have attended two full courses of lectures, the last of which must have been in this institution; must have been engaged in the study of Practical Anatomy and Practical Chemistry, and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation must undergo a satisfactory examination in all the branches taught in the department, and present an acceptable thesis in his own handwriting, and on a subject connected with some branch of medicine.

The examinations will be conducted by the Faculty of this department, assisted by a Board of Examiners, selected for that purpose from the Homeopathic physicians of Iowa.

The candidate must notify the Dean, in writing, during the first week in February, of his or her intention to become an applicant for graduation, and, at the same time, present the thesis and graduation fee. In case of a failure to graduate, the fee and thesis will be returned, except such part as shall be required to cover the cost of examination.

The AD EUNDEM DEGREE, in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures, from time to time, during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *ad eundem* degree, the matriculation fee and a fee of \$25 will be required.

For further information concerning this department, apply to the Dean,

PROF. A. C. COWPERTHWAITTE,

IOWA CITY, IOWA. .

CLASS OF 1878-79.

NAME.	P. O. ADDRESS.	PRECEPTOR.
Abbott, Geo. A.	<i>Iowa City.</i>	H. P. Button.
Bebout, S. R.	<i>Osceola.</i>	E. H. Wilson.
Chase, W. T.	<i>Strawberry Point.</i>	H. C. Chase.
Christie, S. J.	<i>Rapidan, Minn.</i>	A. C. Meilicke.
Clark, Thos. A.	<i>Iowa City.</i>	Dr. Daniels.
Cross, A. M.	<i>Missouri Valley.</i>	W. D. Stillman.
Davis, S. F.	<i>Traer.</i>	S. Waterbury.
Densmore, E.	<i>Blooming Valley, Pa.</i>	A. C. Cowperthwaite.
Densmore, I.	<i>Blooming Valley, Pa.</i>	A. C. Cowperthwaite.
Emonds, W. G.	<i>Westphalia, Germany.</i>	A. C. Cowperthwaite.
Geiger, M. F.	<i>Forest Grove, Oregon.</i>	Dr. Geiger.
Freemyer, G. L.	<i>De Witt.</i>	V. M. Law.
Glazier, W. H.	<i>Richland Center, Wis.</i>	A. W. Bickford.
Henderson, J. W.	<i>Minburn.</i>	C. R. Henderson.
Hitchcock, J. B.	<i>Richland Center, Wis.</i>	Geo. R. Mitchel.
Hunter, L. K.	<i>Leavenworth, Kas.</i>	T. J. Patchen.
McAlister, Lucius	<i>Muscatine.</i>	H. C. McAlister.
Meade, Hamilton	<i>Worcester, Mass.</i>	D. T. Travers.
Merry, W. A.	<i>Cresco.</i>	L. A. Merriam.
Miller, Wm.	<i>De Witt.</i>	M. R. Waggoner.
Newell, R. C.	<i>Charles City.</i>	W. H. Palmer.
Nichols, V. T.	<i>Coburg.</i>	L. C. Goodrich.
Pearse, S. S.	<i>Chelsea, Kas.</i>	W. H. Dickinson.
Pederson, P. M.	<i>Atlantic.</i>	J. H. Barnwell.
Poland, Geo.	<i>Poland, Russia.</i>	A. C. Cowperthwaite.
Schwartz, C. M.	<i>De Witt.</i>	M. R. Waggoner.
Smith, W. A.	<i>Essex.</i>	A. M. Stearns.
Thompson, J. H.	<i>Davenport.</i>	P. H. Worley.
Tozier, C. M.	<i>De Witt.</i>	M. R. Waggoner.
Tremain, O. G.	<i>Webster City.</i>	J. D. Compton.
Van Sickle, A. R.	<i>Washington.</i>	T. G. Roberts.
Winter, F. W.	<i>Garner.</i>	A. C. Cowperthwaite.

GRADUATES—1878-79.

NAME.	STATE.	TITLE OF THESIS.
Davis, Sheldon F.	<i>Iowa.</i>	Diseases of the Stomach.
Newell, Robert C.	<i>Iowa.</i>	Dysmenorrhea.
Thompson, James H.	<i>Iowa.</i>	Acute Bright's Disease.

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1880/81
FOURTH ANNUAL ANNOUNCEMENT
UNIVERSITY OF ILLINOIS LIBRARY

—OF THE FEB 1 1921

Homeopathic Medical Department

—OF THE—

State University of Iowa,

AT IOWA CITY,

For 1880-81.

UNIVERSITY OF ILLINOIS
NOV 23 1918
Administrative Library

LECTURE COURSE BEGINS OCTOBER 6TH, 1880.

COMMENCEMENT OCCURS MARCH 1ST, 1881.



FACULTY.

JOSIAH L. PICKARD, LL. D.,

President.

A. C. COWPERTHWAIT, M. D., Ph. D., DEAN.

*Professor of Materia Medica and Diseases of
Women and Children.*

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Professor of Theory and Practice of Medicine.

A. E. ROCKEY, M. D.,

Professor of Surgery.

W. D. STILLMAN, M. D.,

Lecturer on the Therapeutics of Obstetrical Diseases.

T. G. ROBERTS, M. D.,

Assistant to the Chair of Materia Medica.

CHARLES W. EATON, M. D.,

Assistant to the Chair of Theory and Practice of Medicine.

WM. P. GRAY,

Curator and Librarian.

BOARD OF EXAMINERS.

P. H. WORLEY, M. D., Chairman,	-	<i>Davenport.</i>
G. H. PATCHEN, M. D.,	- - -	<i>Burlington.</i>
G. F. ROBERTS, M. D.,	- - -	<i>Waterloo.</i>
H. W. ROBERTS, M. D.,	- - -	<i>Ottumwa.</i>
H. G. GRIFFITH, M. D.,	- - -	<i>Marengo.</i>

HOMEOPATHIC MEDICAL DEPARTMENT.

The fourth annual course of Lectures will commence Wednesday, October 6th, 1880, and will continue until March 1st, 1881.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on Theory and Practice, Materia Medica, Surgery, Diseases of Women and Children, and Obstetrical Therapeutics will be delivered in the Lecture Room of the Department Building. Lectures on Anatomy, Physiology, Obstetrics, and Medical Jurisprudence will be delivered in the Medical Amphitheatre, in the South Building. Lectures on Chemistry will be delivered in the University Laboratory in the North Building.

While in attendance on lectures of the Medical Department students will be entitled to all the privileges accorded to students in that department, and will conform to all requirements of said department, so far as such requirements may apply to the branches which they pursue.

Students upon registration are required to select one of the following courses of instruction, the second being specially recommended by the Faculty:

I. *A Two Years' Course*, requiring the attendance of the student at all lectures and exercises of the department for two full terms, as has heretofore been the general custom in medical colleges.

II. A graded course extending over *three* years, the scheme of instruction in which is herewith set forth:

SYSTEMATIC GRADED COURSE OF INSTRUCTION.

JUNIOR YEAR.		MIDDLE YEAR.	SENIOR YEAR.
LECTURES.	ANATOMY, CHEMISTRY, MATERIA MEDICA.	PHYSIOLOGY, MATERIA MEDICA, DENTISTRY.	PRACTICE OF MEDICINE, SURGERY, OBSTETRICS, Medical Jurisprudence, Insanity, Eye and Ear, Diseases of Women and Children.
	Dissecting, I. Attendance at all Clinics required.	Dissecting, II. Chemical Analysis, Microscopic Anatomy. Attendance at all Clinics required.	Operations upon the Cadaver. Application of Splints and Bandages. Students are required to make ex- aminations and to prescribe for patients at the Clinics.

Students should mainly confine their preliminary reading to the subjects of the year for which they are preparing themselves. During each school-year they are reading under the special direction of the Professors whose lectures they attend.

Examinations in the graded course will take place as follows:

At Close of First Session—Anatomy and Chemistry.

At Close of Second Session { Chemical Analysis.
Physiology.
Materia Medica.

At Close of Third Session { Practice of Medicine.
Surgery. Obstetrics and
Diseases of Women.

Students adopting this course must pass a satisfactory matriculating examination before enrolment upon the following subjects:

English Language—including Grammar and Composition.

Arithmetic—including Vulgar and Decimal Fractions.

United States History—Geography.

Natural Philosophy.

A knowledge of the elements of Latin, French or German is desirable, but not obligatory.

The Diploma of any High School or Academy will be accepted in lieu of this examination.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

ANATOMY.—The lectures in Anatomy are thoroughly illustrated by all the modern aids to teaching. The lectures in the Fall Term are devoted to discussion of Comparative and Descriptive, while the Winter Term is occupied by a full consideration of Regional and Surface Anatomy, illustrated on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.—In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation, by the constant employment of experiments upon living animals as a means of demonstration.

CHEMISTRY AND TOXICOLOGY.—The course of lectures in Chemistry is thoroughly experimental, the large cabinet of the University being used freely for the purpose. The laboratory occupies the entire first story of the North Building, and covers an area of 3,500 square feet. It is supplied with the most improved and scientific apparatus for the practical study of Chemistry. Every advanced student is required to take a course in Practical Chemistry. In this course is included Qualitative Analysis, first of *known* and afterward of *unknown materials*; Toxicology—analysis of food or tissue materials in assumed cases of poisoning, and in cases instituted with animals—including inorganic and organic poisons; Physiological and Pathological Analysis—including Analysis of Urine, normal and abnormal, by qualitative, volumetric, and microscopical methods, and examination of tissue materials, excretions, blood-stains, etc. The only expense incurred in the laboratory is the actual cost of the chemicals and apparatus consumed by the student in his manipulations.

PRACTICAL ANATOMY.—The thorough study of this branch for at least two courses is made a condition of graduation. Facilities for obtaining material are such, under improved legislation in the State, that an abundance will always be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies, and, upon completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students wishing to pursue a course of dissection are required to take out the Demonstrator's ticket prior to December 15th.

MATERIA MEDICA.—In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of homeopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.—Only the principles of homeopathy, as set forth by Hahnemann, will be taught. They will, however, be explained according to the most recent developments in science.

It is also the object of the teachings of this Chair to prepare the student to recognize, and treat in accordance with the homeopathic method, the various forms of disease, as met with in general and everyday practice.

The lectures will be illustrated by diagrams, wax and papier-mache models and pathological specimens, from the museum of the college, in order to enhance their usefulness, and no efforts will be spared to prepare the student to become a useful practitioner.

SURGERY.—The Chair of Surgery aims to combine thoroughly practical, theoretical, pathological and clinical teaching. Special attention will be given to practical bandaging and the application of splints and dressings. Students are required to perform all operations upon the cadaver that are made upon the living subject.

OBSTETRICS.—The instruction in this important department is complete. All modern means for illustration are employed, and all third-year and advanced students are carefully trained in the principal obstetric operations.

GYNÆCOLOGY.—In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class by means of clinical cases.

OPHTHALMOLOGY AND OTOTOLOGY.—The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology and pathology of the regions involved, and the Wednesday clinic is devoted to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics and a great many operations of all kinds are performed.

MEDICAL JURISPRUDENCE.—This branch of instruction is conducted by a distinguished jurist, and the principles of this important department of medicine are impressed by citation of an immense number of cases illustrative of the subject.

INSANITY.—Instruction here is given by the Superintendent of the Iowa Hospital for Insane, at Mt. Pleasant. The Physiology and Pathology of the brain are largely discussed, and the various phases of derangement coming under the notice of the alienist are very fully treated of.

DENTISTRY.—This subject, in the aspects which render it of interest to the practitioner of medicine, is discussed at considerable length, by a professional dentist, and is regarded by the Faculty as a very important part of the course.

CLINICS.—A general medical clinic and a clinic for diseases of women and children will be held by the Faculty of the Homeopathic Medical Department. In addition to these clinics, students will be supplied with tickets to Mercy Hospital, which admits them to the surgical and ophthalmic clinics of the Medical Department. All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines and operations free of charge. Advanced students are required to make examinations at the clinics, and to prescribe for patients.

LIBRARIES.—The general Library of the University and the Department Library are open to students on all week days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains over thirteen thousand volumes and one thousand pamphlets.

MUSEUM.—The general Museum of the University, consisting of a large and valuable collection of specimens, and the Medical Museum are open to students of this department. A cabinet has been provided for this department which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimen of healthy, morbid, or comparative anatomy, which will be properly labeled, with the name of the donor, and placed in the Museum.

BOOKS OF REFERENCE.

The following are recommended by the Professors in their respective chairs:

Anatomy.—Gray, Quain, Holden, Wilson.

Physiology.—Flint, Dalton.

Chemistry.—Hinrichs, Wormley, Fownes.

Materia Medica.—Cowperthwaite's Text Book of Materia Medica; Hering's Condensed Materia Medica; Allen's Encyclopedia of Materia Medica; Hale's New Remedies.

Theory and Practice.—Hahnemann's Organon; Grauvogl's Text Book of Homeopathy; Baehr's Science of Therapeutics; Raue's Special Pathology and Diagnostics; Lilienthal's Therapeutics; Clapp's Auscultation and Percussion.

Surgery.—Helmuth, Franklin, Hamilton, Smith, Stimson.

Obstetrical Therapeutics.—Guernsey, Raue.

Diseases of Women and Children.—Guernsey, Ludlam, Egbert, Duncan, Hale, Hartmann.

Obstetrics.—Cazeaux, Leishmann, Hodge, Tyler, Smith, Playfair, Meadows.

Medical Jurisprudence.—Wharton and Stille, Beck, Elwell.

Microscopic Anatomy.—Stricker, Beale, Koelliker, Frey.

Ophthalmology.—Wells, Walton, Dixon.

Otology.—Roosa.

Insanity.—Blandford, Bucknill and Tuke, Ray.

FEES.

Lecture fees, each year, for the entire course.....	\$20.00
Matriculation ticket.....	5.00
Demonstrator's ticket.....	10.00
Graduation fee, including Diploma.....	25.00
Hospital ticket.....	<i>Gratuitous.</i>

No charge for dissecting material.

Students taking the Laboratory Course will pay for the chemicals used. The average expense is about \$5.

ALUMNI of this school, and other accredited medical institutions, will be admitted to the lectures and clinics, on taking out the matriculation ticket.

FEES IN GRADED COURSE.

Lecture fees—in each of three years.....	\$15.00
Matriculation ticket, in each of three years.....	5.00
Examination fee, at end of first year.....	5.00
“ “ “ second year.....	5.00
“ “ “ third “ including diploma	15.00

All other fees as in schedule for other course.

All fees must be promptly paid, at the beginning of the session, to the Treasurer of the University.

The FACULTY TICKET will be issued by the Dean *only*, on presentation of the Treasurer's receipt. Students who have attended two full courses of lectures in this department, will be entitled to the third course of lectures, on payment of the matriculation fee—demonstrator's ticket additional. Students who have attended two full courses in some other duly recognized medical college will be admitted to all the privileges of the department, upon the payment of \$10, which amount will not include matriculation nor demonstrator's tickets.

GOOD BOARD can be obtained at from \$2.50 to \$5.00 per week. By associating in clubs, students may supply themselves with good accommodation at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding, by applying to the Janitor.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of "Doctor of Medicine" in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for three years; must have attended two full courses of lectures, the last of which must have been in this institution; must have been engaged in the study of Practical Anatomy and Practical Chemistry, and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation must undergo a satisfactory examination in all the branches taught in the department, and present an acceptable thesis in his own hand writing, and on a subject connected with some branch of medicine.

The final examinations will be conducted in writing, by the Faculty of this Department, subject to approval or rejection by a Board of Examiners, selected for that purpose from the homeopathic physicians of Iowa.

The candidate must notify the Dean, in writing, during the

first week in February, of his or her intention to become an applicant for graduation, and, at the same time, present the thesis and graduation fee. In case of a failure to graduate, the fee and thesis will be returned, except such part as shall be required to cover the cost of examination.

The *AD EUNDEM* DEGREE in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures, from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *ad eundem* degree, the matriculation fee and a fee of \$25 will be required.

For further information concerning this department, apply to the Dean,

PROF. A. C. COWPERTHWAITÉ,

IOWA CITY, IOWA.



GRADUATES 1879-80.

NAME.	STATE.	THESIS.
Delap, Silas C.,	<i>Kansas.</i>	Intermittent Fever.
Disbro, Jo Anna,	<i>Ohio.</i>	Erysipelas.
Emonds, W. G.,	<i>Iowa.</i>	Treatment of Inflammation.
Green, A. C.,	"	Emotional and Mental Activities.
Hitchcock, J. B.,	<i>Wisconsin.</i>	Uterine Displacements.
Hunter, L. K.,	<i>Kansas.</i>	Inflammation.
Schwartz, C. M. H.,	<i>Iowa.</i>	Trichiniasis.
Van Sickle, A. R.,	"	Cerebro-spinal-meningitis.
Winter, F. W.,	"	Requisites of a Physician.



STUDENTS.

*Graded Course Students.

†Graduated March, 1880.

NAME.	P. O. ADDRESS.	PRECEPTOR.
Abbott, Geo. A.,	<i>Iowa City.</i>	H. P. Button.
Anderson, H. G.,	<i>Rochester, Minn.</i>	I. M. Westfall.
Arbuckle, G. W.,	<i>St. Paul, “</i>	E. Walthers.
*Arp, Aug. H.,	<i>Moline, Ills.</i>	P. H. Wessel.
Caldwell, J. Edd, B. P.,	<i>Osage.</i>	F. Duncan.
Clark, Thos. A.,	<i>Iowa City.</i>	A. C. Cowperthwaite.
Cartlich, J. W.,	<i>What Cheer.</i>	Practitioner.
Cross, A. M.,	<i>Mo. Valley.</i>	W. D. Stillman.
*Cushman, B. V.,	<i>Hannibal, Mo.</i>	J. B. Cutts.
†Delap, S. C.,	<i>Emporia, Ks.</i>	J. H. Marsden.
†Disbro, Jo Anna, B. S.,	<i>Berea, Ohio.</i>	T. C. Maughlin.
†Emonds, W. G.,	<i>Iowa City.</i>	A. E. Rockey.
Fleming, A. C.,	<i>Bedford.</i>	A. H. Van Vorhis.
Fluno, F. J.,	<i>Madison, Wis.</i>	Dr. Twitchell.
Freemyer, G. L.,	<i>Coldwater, Mich.</i>	Practitioner.
Fry, Ira H.,	<i>Ottumwa.</i>	H. W. Roberts.
Geiger, M. F.,	<i>Forest Grove, Or.</i>	Wm. Geiger.
*Gray, Wm. P.,	<i>Findlay, O.</i>	A. C. Cowperthwaite.
Green, A. C.,	<i>Manchester.</i>	Dr. Green.
Hitchcock, J. B.,	<i>Woodstock, Wis.</i>	G. R. Mitchell.
Howard, Geo.,	<i>Tabor.</i>	John Cleaver.
†Hunter, L. K.,	<i>Leavenworth, Ks.</i>	T. J. Patchen.
Joy, L. E.,	<i>Davenport.</i>	R. F. Baker.
*Knight, F. M.,	<i>Decorah.</i>	A. E. Rockey.
*Marr, H. E.,	<i>Onawa City.</i>	C. L. Hart.
McLeod, John,	<i>Iowa City.</i>	State University.
Meredith, S.,	<i>Madison, Wis.</i>	J. B. Bowen.
Merry, W. A.,	<i>Cresco.</i>	L. A. Merriam.
Morton, W. M.,	<i>Davenport.</i>	P. H. Worley.
Nutting, W. W. Jr.,	<i>Council Bluffs.</i>	
Nutting, W. Wallace,	<i>Iowa City.</i>	

NAME.	P. O. ADDRESS.	PRECEPTOR.
Pearse, S. S.,	<i>Chelsea, Ks.</i>	W. H. Dickinson.
Peterson, P. M.,	<i>Atlantic.</i>	J. H. Barnwell.
*Poland, Geo.,	<i>Poland.</i>	State University.
*Poulson, H. J.,	<i>Council Bluffs.</i>	P. W. Poulson.
Raines, T. E.,	<i>Malvern.</i>	A. C. Cowperthwaite.
Remington, F. A.,	<i>Rochester, Minn.</i>	I. M. Westfall.
Ritchie, S. H.,	<i>Iowa City.</i>	Faculty.
Rumsey, F. B.,	<i>Emerson.</i>	G. W. Rumsey.
Schwartz, C. M. H.,	<i>Cedar Rapids.</i>	M. R. Waggoner.
Shirley, J. W.,	<i>Rural Dale, Mo.</i>	G. W. Day.
Somers, F. M.,	<i>Beatrice, Neb.</i>	John Cleaver.
Starr, J. E.,	<i>Nebraska City, Neb.</i>	Calvin Starr.
Taylor, E. A.,	<i>Iowa City.</i>	A. C. Cowperthwaite.
Van Sickle, A. R.,	<i>Washington.</i>	T. G. Roberts.
Wilson, W. W.,	<i>Paris, Ills.</i>	H. L. Obetz.
†Winter, F. W.,	<i>Garner.</i>	Faculty.



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HOMEOPATHIC MEDICAL DEPARTMENT
STATE UNIVERSITY OF IOWA.

FIFTH ANNUAL ANNOUNCEMENT.

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FIFTH ANNUAL ANNOUNCEMENT

OF THE

Homeopathic Medical Department

OF THE

STATE UNIVERSITY OF IOWA,

AT IOWA CITY,

FOR 1881-82.

LECTURE COURSE BEGINS OCTOBER 5TH, 1881.

COMMENCEMENT OCCURS FEBRUARY 28TH, 1882.

CALENDAR.

October 5, 1881—Fall Term begins, Wednesday.

December 23, 1881—Fall Term ends, Friday.

WINTER VACATION, ONE WEEK.

January 2, 1882—Winter Term begins, Monday.

February 28, 1882—Commencement, Tuesday.

FACULTY.

JOSIAH L. PICKARD, LL.D.,
President.

A. C. COWPERTHWAIT, M.D., PH.D.,
Professor of Materia Medica and Diseases of Women.

W. H. DICKINSON, M.D.,
Professor of Theory and Practice of Medicine.

GEO. F. ROBERTS, M.D.,
Professor of Surgery.

W. D. STILLMAN, M.D.,
Lecturer on the Therapeutics of Obstetrical Diseases.

T. G. ROBERTS, M.D.,
Lecturer on Diseases of Children.

C. W. EATON, M.D.,
Lecturer on Skin Diseases.

J. E. CALDWELL, M.D.,
Lecturer on Pharmacy.

JOS. C. COWPERTHWAIT, M.D.,
Curator and Librarian.

BOARD OF EXAMINERS

R. F. BAKER, M.D., Chairman,	-	<i>Davenport.</i>
G. H. PATCHEN, M.D.,	- - -	<i>Burlington.</i>
S. B. OLNEY, M.D.,	- - -	<i>Ft. Dodge.</i>
H. W. ROBERTS, M.D.,	- - -	<i>Ottumwa.</i>
J. H. CRIPPEN, M.D.,	- - -	<i>Waterloo.</i>

HOMEOPATHIC MEDICAL DEPARTMENT.

The fifth annual course of Lectures will commence Wednesday, October 5th, 1881, and will continue until February 28th, 1882.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on Theory and Practice, Materia Medica, Surgery, Diseases of Women and Children, and Obstetrical Therapeutics will be delivered in the Lecture Room of the Department Building. Lectures on Anatomy, Physiology, Obstetrics, and Medical Jurisprudence will be delivered in the Medical Amphitheater, in the South Building. Lectures on Chemistry will be delivered in the University Laboratory, in the North Building.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

Students, upon registration, are required to select one of the following courses of instruction, the second being specially recommended by the Faculty:

I. *A Two Years' Course*, requiring the attendance of the students at all lectures and exercises of the department for two full terms, as has heretofore been the general custom in medical colleges.

II. *A graded course*, extending over *three* years, the scheme of instruction in which is herewith set forth:

SYSTEMATIC GRADED COURSE OF INSTRUCTION.

	JUNIOR YEAR.	MIDDLE YEAR.	SENIOR YEAR.
LECTURES.	ANATOMY, CHEMISTRY, MATERIA MEDICA.	PHYSIOLOGY, MATERIA MEDICA, DENTISTRY.	PRACTICE OF MEDICINE, SURGERY, OBSTETRICS, Medical Jurispru- dence, Insanity, Eye and Ear, Diseases of Women and Children.
CLINICS. LAB. WORK.	Dissecting, I. Attendance at all Clinics required.	Dissecting, II. Chemical Analysis. Microscopic Anatomy. Attendance at all Clinics required.	Operations upon the Cadaver, Application of Splints and Bandages. Students are required to make examinations and to prescribe for patients at the Clinics.

Students should mainly confine their preliminary reading to the subjects of the year for which they are preparing themselves. In this course special recitations are given in Anatomy and Physiology, and extra work in Microscopic Anatomy and Practical Chemistry.

Examinations in the graded course will take place as follows:

At close of First Session—Anatomy and Chemistry.

At close of Second Session— $\left\{ \begin{array}{l} \text{Chemical Analysis,} \\ \text{Physiology,} \\ \text{Materia Medica.} \end{array} \right.$

At close of Third Session— $\left\{ \begin{array}{l} \text{Practice of Medicine,} \\ \text{Surgery, Obstetrics and} \\ \text{Diseases of Women.} \end{array} \right.$

Students in this course will be permitted to pass their examination in Anatomy and Chemistry at the end of the second year if they so elect.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

ANATOMY.—The lectures in Anatomy are thoroughly illustrated by all the modern aids to teaching. The lectures in the Fall Term are devoted to the discussion of Comparative and Descriptive, while the Winter Term is occupied by a full consideration of Regional and Surface Anatomy, illustrated on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.—In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and black-board figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation, by the constant employment of experiments upon living animals as a means of demonstration.

CHEMISTRY AND TOXICOLOGY.—The course of lectures in Chemistry is thoroughly experimental, the large cabinet of the University being used freely for the purpose. The Lab-

oratory occupies the entire first story of the North Building, and covers an area of 3,500 square feet. It is supplied with the most approved and scientific apparatus for the practical study of Chemistry. Every advanced student is required to take a course in Practical Chemistry. In this course is included Qualitative Analysis — including organic and inorganic poisons; Physiological and Pathological Analysis — including Analysis of Urine, normal and abnormal, by qualitative, volumetric, and microscopical methods, and examination of tissue materials, excretions, blood-stains, etc.

PRACTICAL ANATOMY.—The thorough study of this branch for at least two courses is made a condition of graduation. Facilities for obtaining material are such, under improved legislation in the State, that an abundance will always be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies, and, upon completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students wishing to pursue a course of dissection are required to take out the Demonstrator's ticket prior to December 15th.

MATERIA MEDICA.—In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of homeopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.—Only the principles of Homeopathy, as set forth by Hahnemann, will be taught. They will, however, be explained according to the most recent developments in science.

It is also the object of the teachings of this Chair to pre-

pare the student to recognize, and treat in accordance with the homeopathic method, the various forms of disease, as met with in general and every day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens, from the Museum of the college, in order to enhance their usefulness, and no efforts will be spared to prepare the student to become a useful practitioner.

SURGERY.—The Chair of Surgery aims to combine thoroughly practical, theoretical, pathological, and clinical teaching. Special attention will be given to practical bandaging and the application of splints and dressings. Students are required to perform all operations upon the cadaver that are made upon the living subject.

OBSTETRICS.—The instruction in this important department is complete. All modern means for illustration are employed, and all third-year and advanced students are carefully trained in the principal obstetric operations.

GYNECOLOGY.—In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class by means of clinical cases.

OPHTHALMOLOGY AND OTOTOLOGY.—The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology, and pathology of the regions involved, and the Wednesday clinic is devoted to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics and a great many operations of all kinds are performed.

MEDICAL JURISPRUDENCE.—This branch of instruction is conducted by a distinguished jurist, and the principles of this important department of medicine are impressed by citation of an immense number of cases illustrative of the subject.

INSANITY.—Instruction here is given by the Superintendent of the Iowa Hospital for Insane, at Mt. Pleasant. The

physiology and pathology of the brain are largely discussed, and the various phases of derangement coming under the notice of the alienist are very fully treated of.

DENTISTRY.—This subject, in the aspects which render it of interest to the practitioner of medicine, is discussed at considerable length by a professional dentist, and is regarded by the Faculty as a very important part of the course.

CLINICS.—A general medical clinic and a clinic for diseases of women and children will be held by the Faculty of the Homeopathic Medical Department. In addition to these clinics, students will be supplied with tickets to Mercy Hospital, which admits them to the surgical and ophthalmic clinics of the Medical Department. All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines, and operations free of charge. Advanced students are required to make examinations at the clinics, and to prescribe for patients.

LIBRARIES.—The general Library of the University and the Department Library are open to students on all week days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains over thirteen thousand volumes and one thousand pamphlets.

MUSEUM.—The general Museum of the University, consisting of a large and valuable collection of specimens, and the Medical Museum, are open to students of this department. A cabinet has been provided for this department which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labeled, with the name of the donor, and placed in the Museum.

BOOKS OF REFERENCE.

The following are recommended by the Professors in their respective chairs:

Anatomy.—Gray, Quain, Holden, Wilson.

Physiology.—Flint, Dalton.

Chemistry.—Hinrichs, Wormley, Fownes.

Materia Medica.—Cowperthwaite's Text-Book of Materia Medica; Hering's Condensed Materia Medica; Allen's Encyclopedia of Materia Medica; Hale's New Remedies.

Theory and Practice.—Hahnemann's Organon; Grauvogl's Text-Book of Homeopathy; Baehr's Science of Therapeutics; Raue's Special Pathology and Diagnostics; Lilienthal's Therapeutics; Clapp's Auscultation and Percussion.

Surgery.—Helmuth, Erichsen, Bryant; Hamilton's Fractures and Dislocations; Ranney's Surgical Diagnosis.

Obstetrical Therapeutics.—Guernsey, Raue.

Diseases of Women and Children.—Guernsey, Ludlam, Eaton, Eggert, Duncan, Hale.

Obstetrics.—Cazeaux, Leishmann, Hodge, Playfair, Meadows.

Medical Jurisprudence.—Wharton and Stille, Beck, Elwell.

Microscopic Anatomy.—Stricker, Beale, Koelliker, Frey.

Ophthalmology.—Wells, Walton, Dixon.

Otology.—Roosa.

Insanity.—Blandford, Bucknill and Tuke, Ray.

F E E S.

Lecture Fees, each year, for the entire course.....	\$20 00
Matriculation Ticket.....	5 00
Demonstrator's Ticket.....	10 00
Examination Fee (final).....	20 00
Diploma Fee.....	5 00

Hospital ticket, *gratuitous*.

No charge for dissecting material.

Students taking the Laboratory Course will pay for the chemicals used. The average expense is about \$5.

Alumni of this school, and other accredited medical institutions, will be admitted to the lectures and clinics, on taking out the matriculation ticket.

F E E S I N G R A D E D C O U R S E.

Lecture Fees, in each of three years.....	\$15 00
Matriculation Ticket, in each of three years.....	5 00
Examination Fee, at end of first year.....	5 00
Examination Fee, at end of second year.....	5 00
Examination Fee, at end of third year, including diploma,	15 00

All other fees as in schedule for other course.

All fees must be promptly paid, at the beginning of the session, to the Treasurer of the University.

The FACULTY TICKET will be issued by the Dean *only*, on presentation of the Treasurer's receipt. Students who have attended two full courses of lectures in this department, will be entitled to the third course of lectures, on payment of the matriculation fee—demonstrator's ticket additional. Students who have attended two full courses in some other duly recognized medical college will be admitted to all the privileges of the department, upon the payment of \$10, which amount will not include matriculation nor demonstrator's tickets.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

GOOD BOARD can be obtained at from \$2.50 to \$5.00 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding, by applying to the Janitor.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of "Doctor of Medicine" in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for three years; must have attended two full courses of lectures, the last of which must have been in this institution; must have been engaged in the study of Practical Anatomy and Practical Chemistry, and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation must undergo a satisfactory examination in all the branches taught in the department, including Chemistry, Anatomy, Physiology, and Obstetrics.

The final examinations will be conducted in writing, by the Faculty of the department, subject to approval or rejection by a Board of Examiners, selected for that purpose from the homeopathic physicians of Iowa.

The candidate must notify the Dean, in writing, during the first week in February, of his or her intention to become an applicant for graduation, and, at the same time, pay the examination and diploma fees. In case of a failure to graduate, the diploma fee will be returned.

The AD EUNDEM DEGREE in this department may be conferred under the following circumstances: The candidate

must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures, from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the Ad Eundem Degree, the matriculation fee and a fee of \$25 will be required.

For further information concerning this department, apply to the Dean,

PROF. A. C. COWPERTHWAITTE,

IOWA CITY, IOWA.

GRADUATES—1880-81.

NAME.	RESIDENCE.
Anderson, Horace	<i>Eddyville.</i>
Caldwell, J. E.	<i>Iowa Falls.</i>
Fleming, Amos C.	<i>Bedford.</i>
Henderson, J. W.	<i>Riverton.</i>
Howard, Geo. S.	<i>Tabor.</i>
Joy, Lizzie E.	<i>Davenport.</i>
Lount, Robert	<i>Barrie, Ontario.</i>
Merry, Weltha A.	<i>Cresco.</i>
Miller, William	<i>De Witt.</i>
Morton, W. M.	<i>Davenport.</i>
Pearse, Susan S.	<i>Chelsea, Kansas.</i>
Poland, Geo.	<i>Iowa City.</i>
* Robinson, G. A. (M.D.)	<i>Barrie, Ontario.</i>
Somers, F. M.	<i>Beatrice, Neb.</i>
Watzek, J. W.	<i>Philadelphia, Pa.</i>
Wilson, W. W.	<i>Paris, Ill.</i>

* Ad Eundem.

GRADED COURSE STUDENTS.

SENIOR YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Poland, Geo.	<i>Russia.</i>	A. C. Cowperthwaite.

1

MIDDLE YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Arp, H. Aug.	<i>Illinois.</i>	P. H. Wessel.
Gray, Wm. J.	<i>Ohio.</i>	A. C. Cowperthwaite.
Knight, F. M.	<i>Iowa.</i>	A. E. Rockey.
Marr, H. E.	"	C. L. Hart.

-4

JUNIOR YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Bailey, M. E. (A.B.)	<i>Ohio.</i>	Faculty.
Bell, S. T.	<i>Iowa.</i>	Robt. P. Bell.
Blough, E. W.	<i>Pennsylvania.</i>	G. G. Bickley.
Christie, A.	<i>Iowa.</i>	P. W. Poulson.
Cummings, S. K.	<i>Indiana.</i>	R. S. Packson.
Harding, E.	"	R. S. Packson.
Hughes, E. B.	<i>Iowa.</i>	A. C. Cowperthwaite.
McKee, B.	"	J. McKee.
Rietman, J. H.	<i>Minnesota.</i>	J. H. Drake.

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NON-GRADED COURSE STUDENTS.

SECOND YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Anderson, H. G.	<i>Iowa.</i>	I. M. Westfall.
Banton, W. H.	"	B. Banton.
Brenizer, J. G.	<i>Nebraska.</i>	B. L. Paine.
Caldwell, J. E.	<i>Iowa.</i>	F. Duncan.
Cowles, A. H.	"	J. L. Coffin.
Dunn, R. H.	"	G. D. Streeter.
Erwin, Wm.	"	Wm. Fuller.
Fleming, A. C.	"	A. F. Dunlavy.
Foster, L. M.	<i>Nebraska.</i>	B. B. Andrews.
Freemyer, G. L.	<i>Michigan.</i>	D. Powers.

NAME.	RESIDENCE.	PRECEPTOR.
Gleason, J. C.	<i>Iowa.</i>	Practitioner.
Gleason, Flora	"	Faculty.
Golden, H. C.	"	T. C. Golden.
Henderson, J. W.	"	W. H. Dickinson.
Hoot, J. W.	"	J. G. Bickley.
Howard, G. S.	"	J. Cleaver.
Hudson, J. A.	"	Practitioner.
Hullhorst, C. G. A.	<i>Nebraska.</i>	Practitioner.
Joy, Lizzie E.	<i>Iowa.</i>	R. F. Baker.
Lount, Robert	<i>Canada.</i>	S. M. Wells.
Matthews, W. D.	<i>Iowa.</i>	P. B. Clark.
McGregor, Jas.	"	C. W. Eaton.
* McLeod, John	"	Faculty.
Merry, W. A.	"	L. A. Merriam.
Miller, Wm.	"	M. R. Waggoner.
Miller, T. F.	<i>Nebraska.</i>	B. L. Paine.
Moore, S. A.	<i>Iowa.</i>	Practitioner.
Morton, W. M.	"	P. H. Worley.
Parsons, R. M.	"	G. F. Roberts.
Pearse, S. S.	<i>Kansas.</i>	W. H. Dickinson.
Printy, Jas.	<i>Iowa.</i>	J. Cleaver.
Robbins, Fred	"	C. E. Cutler.
Robinson, G. A. (M.D.)	<i>Canada.</i>	S. M. Wells.
Schwartz, C. M. (M.D.)	<i>Iowa.</i>	M. R. Waggoner.
Smith, C. W.	"	M. Y. Baker.
Somers, F. M.	<i>Nebraska.</i>	Faculty.
Spencer, H.	<i>Colorado.</i>	J. H. Miller.
Starr, J. C.	<i>Nebraska.</i>	C. Starr.
Stephens, F. E.	<i>Iowa.</i>	C. E. Cutler.
Taylor, E. A.	"	A. C. Cowperthwaite.
Waggoner, N.	<i>Illinois.</i>	G. J. Waggoner.
Watzek, J. W.	<i>Pennsylvania.</i>	T. L. Bradford.
Wilcox, A.	<i>Iowa.</i>	Practitioner.
Wilson, M. E.	"	G. F. Roberts.
Wilson, W. W.	<i>Illinois.</i>	H. L. Oletz.
Winchell, H. R.	<i>Iowa.</i>	G. A. Corning.

* Deceased, December 18th, 1880.

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Homoeopathic Medical
Department

State University of Iowa.

Eighth Annual Announcement,

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EIGHTH ANNUAL ANNOUNCEMENT

OF THE

**Homoeopathic Medical
Department**

OF THE

STATE UNIVERSITY OF IOWA,

AT

IOWA CITY, IOWA.

1884-5.

Lecture Course Begins October 8th, 1884.

Commencement Occurs March 3d, 1885.

Egbert, Fidler, & Chambers, Davenport, Iowa.

BOARD OF EXAMINERS.

R. F. BAKER, M. D., Chairman,	<i>Davenport.</i>
W. D. STILLMAN, M. D.,	<i>Council Bluffs.</i>
G. H. PATCHEN, M. D.,	<i>Burlington.</i>

FACULTY.

JOSIAH L. PICKARD, LL. D.,
President.

A. C. COWPERTHWAIT, M. D., PH. D.,
*Professor of Materia Medica and Diseases of Women, and Dean of
the Faculty.*

W. H. DICKINSON, M. D.,
Professor of the Theory and Practice of Medicine.

J. G. GILCHRIST, M. D.,
Professor of Surgical Pathology and Therapeutics.

J. S. CLARK, M. D.,
*Lecturer on Therapeutics of Obstetrical Diseases, and Secretary
of the Faculty.*

T. G. ROBERTS, M. D.,
Lecturer on Diseases of Children.

C. W. EATON, M. D.,
Lecturer on Skin Diseases.

G. W. WILLIAMS, M. D.,
Lecturer on Pharmacy.

JOS. C. COWPERTHWAIT, M. D.,
Curator and Librarian.

HOMOEOPATHIC MEDICAL DEPARTMENT.

The eighth annual course of lectures will commence Wednesday, October 8th, 1884, and will continue until March 3d, 1885.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on theory and practice, materia medica, diseases of women and children, surgical pathology and therapeutics, and obstetrical therapeutics, will be delivered in the lecture-room of the department building. Lectures on anatomy, physiology, obstetrics, surgery, chemistry, and medical jurisprudence will be delivered in the new medical building.

While in attendance on lectures of the Medical department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

Students, upon registration, are required to select one of the following courses of instruction, the second being specially recommended by the Faculty:

I. *A Two Years' Course*, requiring the attendance of the students at all lectures and exercises of the department for two full terms, as has heretofore been the general custom in medical colleges.

II. *A Three Years' Course*, with three full courses of lectures, the second year having the special advantage of additional instruction in microscopic anatomy and physiological work, recitations in special anatomy, laboratory work in chemistry, and recitations in materia medica. At the close of the second year, final examinations may be received in anatomy, physiology, chemistry, and materia medica.

All students in the *advanced* classes of both courses will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of bandages, splints, and surgical dressings.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF PLAN OF INSTRUCTION.

ANATOMY.—The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching. The lectures in the fall term are devoted to the discussion of comparative and descriptive anatomy, while the winter term is occupied by a full consideration of regional and surface anatomy, illustrated on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.—In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the constant employment of experiments upon living animals as a means of demonstration.

CHEMISTRY AND TOXICOLOGY.—The course of lectures in chemistry is thoroughly experimental, the large cabinet of the University being used freely for the purpose. The laboratory occupies the first story of the north building. It is supplied with the most approved and scientific apparatus for the practical study of chemistry. Every advanced student is required to take a course in practical chemistry. In this course is included qualitative analysis—including organic and inorganic poisons; physiological and pathological analysis—including analysis of urine, normal and abnormal, by qualitative, volumetric, and microscopical methods, and examination of tissue materials, excretions, blood stains, etc.

PRACTICAL ANATOMY.—The thorough study of this branch for at least two courses is made a condition for graduation. Facilities for obtaining material are such, under improved legislation in the state, that an abundance will be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies, and upon completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of dissection and examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students wishing to pursue a course

of dissection are required to take out the demonstrator's ticket prior to December 15th.

Special facilities are afforded for dissection in the commodious and well-ventilated dissecting-room of the new building—the same being 80x36 feet.

MATERIA MEDICA.—In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of homœopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.—Only the principles of homœopathy, as set forth by Hahnemann, will be taught. They will, however, be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize, and treat in accordance with the homœopathic method, the various forms of disease, as met with in general and every-day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens, from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.—The chair of surgery, in the medical department, will instruct in practical and clinical surgery. All candidates for examination are required to perform such operations upon the cadaver as are made upon the living subject, and will be expected to assist at clinics. Prof. Gilchrist, in this department, will give a full course of lectures on the pathology and therapeutics of surgical diseases.

OBSTETRICS.—The instruction in this important department is complete. All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetric operations. This course is also followed by a special course on the homœopathic therapeutics of obstetrical diseases.

GYNECOLOGY.—In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class by means of clinical cases.

OPHTHALMOLOGY AND OTOTOLOGY.—The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology, and pathology of the regions involved, and the Wednesday clinic is devoted to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics, and a great many operations of all kinds are performed.

DENTISTRY.—A special department of dentistry has been established, to the privileges of which students of this department are admitted.

CLINICS.—A general medical clinic and a clinic for diseases of women and children will be held by the Faculty of the Homœopathic Medical department. In addition to these clinics, students will be supplied with tickets to Mercy Hospital, which admit them to the surgical and ophthalmic clinics of the Medical department. All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines, and operations, free of charge. Advanced students are required to make examinations at the clinics, and to prescribe for patients.

LIBRARIES.—The general library of the University and the department library are open to students on all week-days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains over 14,000 volumes and 1,000 pamphlets.

MUSEUM.—The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labelled with the name of the donor, and placed in the museum.

BOOKS OF REFERENCE.

The following are recommended by the professors in their respective chairs:

Anatomy—Gray, Quain, Holden, Wilson, Allen.

Physiology—Flint, Dalton, Foster.

Chemistry—Hinrichs, Fownes, Roscoe, Besanez, Greene.

Urine Analysis—Neubauer and Vogel, Hoffmann and Ultzmann, Marshall and Smith (Casselmann).

Toxicology—Wormley, Dragendorff, Sonnenschein, Woodman, Tidy.

Materia Medica—Cowperthwaite's Text-Book of Materia Medica, Hering's Condensed Materia Medica, Allen's Encyclopedia of Materia Medica, Hale's New Remedies.

Theory and Practice—Dickinson's Theory and Practice of Medicine, Hahnemann's Organon, Grauvogl's Text-Book of Homœopathy, Baehr's Science of Therapeutics, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion.

Surgery—Erichsen, Bryant, Hamilton's Fractures and Dislocations, Holmes, Agnew, Rindfleisch, Billroth, Stephen Smith.

Surgical Pathology and Therapeutics—Gilchrist's Surgical Therapeutics, Gilchrist's Surgical Emergencies, Gilchrist's Minor Surgery, Erichsen, Bryant, Stephen Smith.

Obstetrical Therapeutics—Guernsey, Raue, Leavitt.

Diseases of Women and Children—Guernsey, Ludlam, Eaton, Eggert, Duncan, Hale.

Obstetrics—Cazeaux, Leishmann, Hodge, Playfair, Meadows.

Medical Jurisprudence—Wharton and Stille, Beck, Elwell, McClelland's Civil Malpractice.

Microscopic Anatomy—Stricker, Beale, Kœlliker, Frey.

Ophthalmology—Mittendorf, Noyes, Stellwag.

Otology—Roosa, Burnett.

Insanity—Blandford, Bucknill and Tuke, Ray.

Diseases of Children—Duncan, Edmonds.

FEES.

Lecture fees, each year, for the entire course,	\$20.00.
Matriculation ticket,	5.00.
Demonstrator's ticket,	10.00.
Examination fee, including diploma,	25.00.
Hospital ticket,	3.00.
No charge for material.	

Students taking the laboratory course will pay for the chemicals used. The average expense is about \$5.

Alumni of this school, and other accredited medical institutions, will be admitted to the lectures and clinics, on taking out the matriculation ticket.

Students who have entered the three-term course will be continued as enrolled; the fees in all cases amounting only to the aggregate of the two years' course as above specified.

All fees must be promptly paid, at the beginning of the session, to the treasurer of the University.

The Faculty ticket will be issued by the dean, *only* on presentation of the treasurer's receipt. Students who have attended two full courses of lectures in this department will be entitled to the third course of lectures on payment of the matriculation fee, but not to dissection. Students who have attended two full courses in some other duly-recognized medical college will be admitted to all the privileges of this department upon the payment of \$10, which amount will not include matriculation nor demonstrator's tickets.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

Good board can be obtained at from \$3 to \$5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the janitor.

Students will find themselves provided with the best accommodations to be found in the west in the new Medical building recently completed for all lectures had in common with the Medical department.

The building erected for the Homœopathic Medical department is pleasant, commodious, and conveniently located.

PRELIMINARY EXAMINATION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institution, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination.

In any other case, the candidate must pass an examination before a committee of the Faculty, as follows: A written composition, not to exceed a page of foolscap, on a given subject, which will be the test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, in geography and elementary physics or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of "Doctor of Medicine" in this department, the student must exhibit to the dean evidence of having pursued the course of medicine for three years; must have attended two full courses of lectures, the last of which shall have been in this institution; and be twenty-one years of age.

In addition to these requirements, each candidate for graduation will undergo a satisfactory examination in all the branches taught in the department, including chemistry, anatomy, physiology, obstetrics, and surgery.

The final examinations will be conducted in writing, by the Faculty of the department, subject to approval or rejection by a board of examiners selected for that purpose from the homœopathic physicians of Iowa.

The candidate must notify the dean, in writing, during the first week in February, of his or her intention to become an applicant for graduation, and, at the same time, pay the examination fee. In case of a failure to graduate, twenty per cent of the fee will be returned.

The *Ad Eundem Degree* in this department may be conferred under the following circumstances: The candidate must be in pos-

session of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures, from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *Ad Eundem Degree*, the matriculation fee and a fee of \$25 will be required.

For further information concerning this department, apply to the dean.

A. C. COWPERTHWAIT, E,
Iowa City, Iowa.

ALUMNI ASSOCIATION.

On March 4th, 1884, a meeting was held for the purpose of organizing an Alumni Association. Officers were elected, and a committee appointed to prepare a programme for the next annual meeting, to be held in Iowa City, March 3d, 1885, at 4 P. M.

The object of this association is to promote the interests and extend the influence of the Homœopathic Medical Department of the State University of Iowa, and for mutual benefit intellectually and socially.

All alumni are cordially invited to be present at the next meeting. They are also requested to send in their names and addresses to the secretary of the association.

A. H. THOMAS, M. D., President,
State Center, Iowa.

C. W. PYLE, M. D., Secretary,
Keosauqua, Iowa.

GRADUATING CLASS—1884.

Barr, Geo. W.

Dickinson, D. W., B. Ph.

Hartmann, Ossian.

Huxley, A. T.

Keller, Francis.

Meredith, W. C.

*Myers, Mary A.

Peery, Bessie E.

Pyle, Chas. W.

Remington, F. A.

Thomas, A. H.

Wilbur, Carrie A.

*Deceased, April 8th, 1884.

GRADED COURSE STUDENTS.

SENIOR YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Hartmann, Ossian	<i>Iowa City, Iowa.</i>	State University.
Peery, Bessie E.	<i>Trenton, Mo.</i>	State University.
Pyle, Chas. W.	<i>Pittsburg, Iowa.</i>	E. C. Pyle.
Wilbur, Carrie A.	<i>Minneapolis, Minn.</i>	University of Mich.

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MIDDLE YEAR.

Coleman, Chas. W.	<i>Pine Island, Minn.</i>	C. H. Glidden.
Cotton, Mary A.	<i>Iowa City, Iowa.</i>	State University.
Kile, Wm. T.	<i>Griswold, Iowa.</i>	C. V. Wilder.
Wagner, Martha	<i>Hamburg, Iowa.</i>	T. H. Bragg.

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JUNIOR YEAR.

Becker, Fred J.	<i>Clermont, Iowa.</i>	F. Becker.
McQuilkin, J. R.	<i>Clinton, Iowa.</i>	C. Yeomans.
Preston, Abi L.	<i>Newton, Iowa.</i>	M. E. Kuntz.
Strawbridge, F. A.	<i>Iowa City, Iowa.</i>	A. C. Cowperthwaite.

—4

NON-GRADED COURSE STUDENTS.

SENIOR YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Barr, Geo. W.	<i>Iowa City, Iowa.</i>	A. E. Rockey.
Dickinson, D.W., B. Ph.	<i>Des Moines, Iowa.</i>	W. H. Dickinson.
Hoot, Jerome W.	<i>Marion, Iowa.</i>	Faculty.
Huxley, A. T.	<i>Hampton, Iowa.</i>	G. A. Corning.
Keller, Francis	<i>Dallas, Texas.</i>	Geo. Peltzer.
Martin, Mary S.	<i>Tabor, Iowa.</i>	M. Pinkerton.
Meredith, W. C.	<i>Caro, Mich.</i>	S. F. Chase.
Myers, Mary A.*	<i>Mendota, Ill.</i>	F. Duncan.
Remington, F. A.	<i>Woonsocket, Dak.</i>	I. M. Westfall.
Thomas, A. H.	<i>Hastings, Iowa.</i>	F. B. Rumsey.
Winchell, H. R., M. D.	<i>Rich Hill, Mo.</i>	Practitioner.

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*Deceased, April 8th, 1884.

JUNIOR YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Blakeslee, M. A.	<i>Topeka, Kas.</i>	S. P. Swift.
Bray, Nicholas	<i>Washington, Iowa.</i>	T. G. Roberts
Coulter, Elva M.	<i>Iowa City, Iowa.</i>	A. E. Rockey.
Christian, Rial	<i>Modale, Iowa.</i>	Practitioner.
Christie, Anna	<i>Council Bluffs, Iowa.</i>	P. W. Poulsen.
Dailey, A.	<i>Sheffield, Iowa.</i>	G. A. Corning.
Harris, N. R.	<i>Des Moines, Iowa.</i>	C. W. Eaton.
Hunt, A. O., D. D. S.	<i>Iowa City, Iowa.</i>	State University.
Kellett, T. A.	<i>La Porte, Iowa.</i>	Faculty.
McClean, S. N.	<i>Washington, Iowa.</i>	T. G. Roberts.
Scott, Jos. R.	<i>Mt. Pleasant, Iowa.</i>	J. H. Drake.
Spatz, J. E.	<i>Macon, Mo.</i>	State University.

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